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ABSTRACT

The Sixth International Congress on Mathematical Education (ICME-6) was special in that it provided a context commemorating the life and work of George Polya (1887-1985) whose native land was Hungary and to whom all those interested in the teaching of mathematical problem solving owe a great debt. What follows in this publication is a collection of snapshots of the U.S. perspective on ICME-6. The first six authors were each asked to reflect on a particular aspect of the congress for this publication. Their contributions, taken together, provide an analysis of ICME happenings and reflections on past congresses. The remaining contributions were among the reports submitted by those who received travel awards to the congress from the National Science Foundation through a grant to the National Council of Teachers of Mathematics. Some topics included are the profession of teaching, tertiary level computing, establishing networks, algorithmic mathematics, gifted students and contests, visualization in mathematics, technology in the curriculum, nonspecialist college mathematics, organization, report, themes, and a critique of ICME-6. (MVL)

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